

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505  
Phone: (505) 476-3480 Fax: (505) 476-3482

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

MAY 05 2016

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION

|                            |                                      |                                                |
|----------------------------|--------------------------------------|------------------------------------------------|
| API Number<br>30-025-43212 | Pool Code<br>97899                   | Pool Name<br>WC-025 G-06 S253206M; Bone Spring |
| Property Code              | Property Name<br>AZORES FEDERAL      | Well Number<br>8H                              |
| GRID No.<br>217955         | Operator Name<br>COG PRODUCTION, LLC | Elevation<br>3494.8'                           |

Surface Location

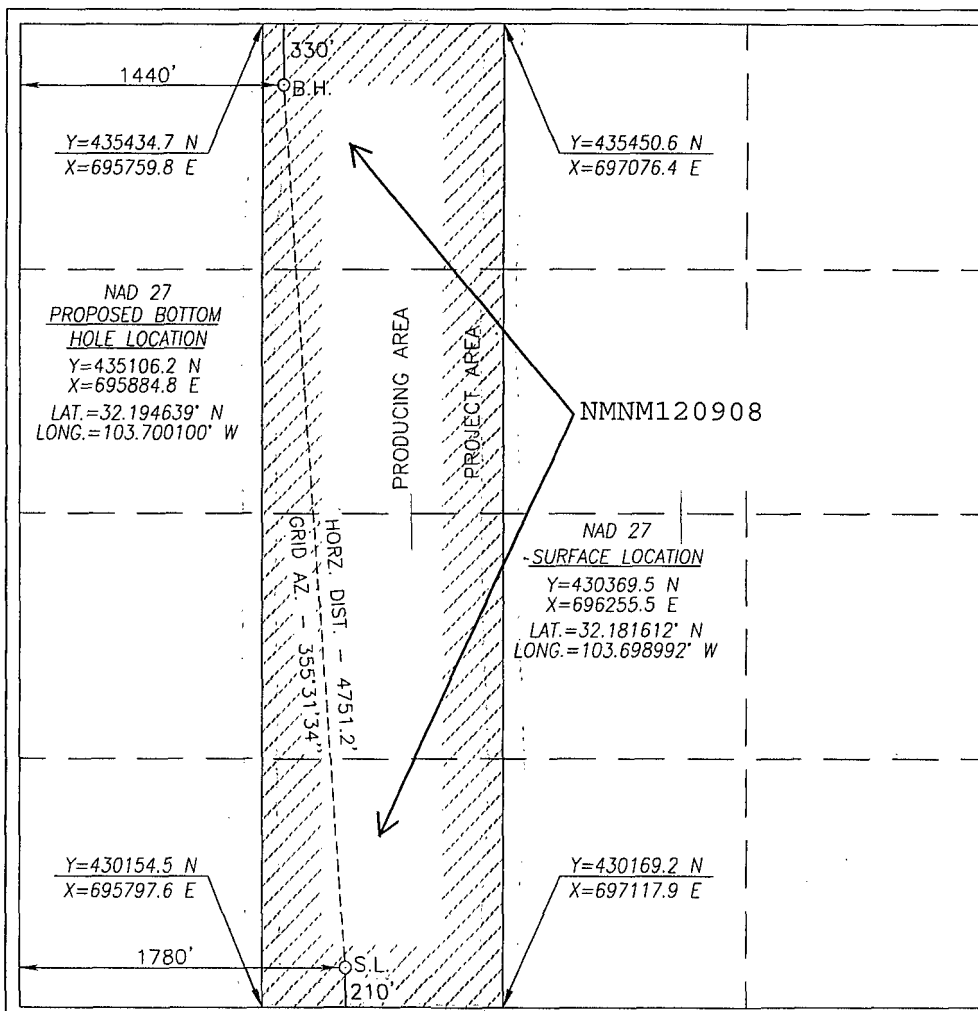
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| N             | 29      | 24-S     | 32-E  |         | 210           | SOUTH            | 1780          | WEST           | LEA    |

Bottom Hole Location If Different From Surface

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| C             | 29      | 24-S     | 32-E  |         | 330           | NORTH            | 1440          | WEST           | LEA    |

| Dedicated Acres | Joint or Infill | Consolidation Code | Order No. |
|-----------------|-----------------|--------------------|-----------|
| 160             |                 |                    |           |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Melanie J Wilson* 3/17/16  
Signature Date

Melanie J Wilson

Printed Name

mwilson@concho.com

E-mail Address

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

NOVEMBER 30, 2015

Date of Survey

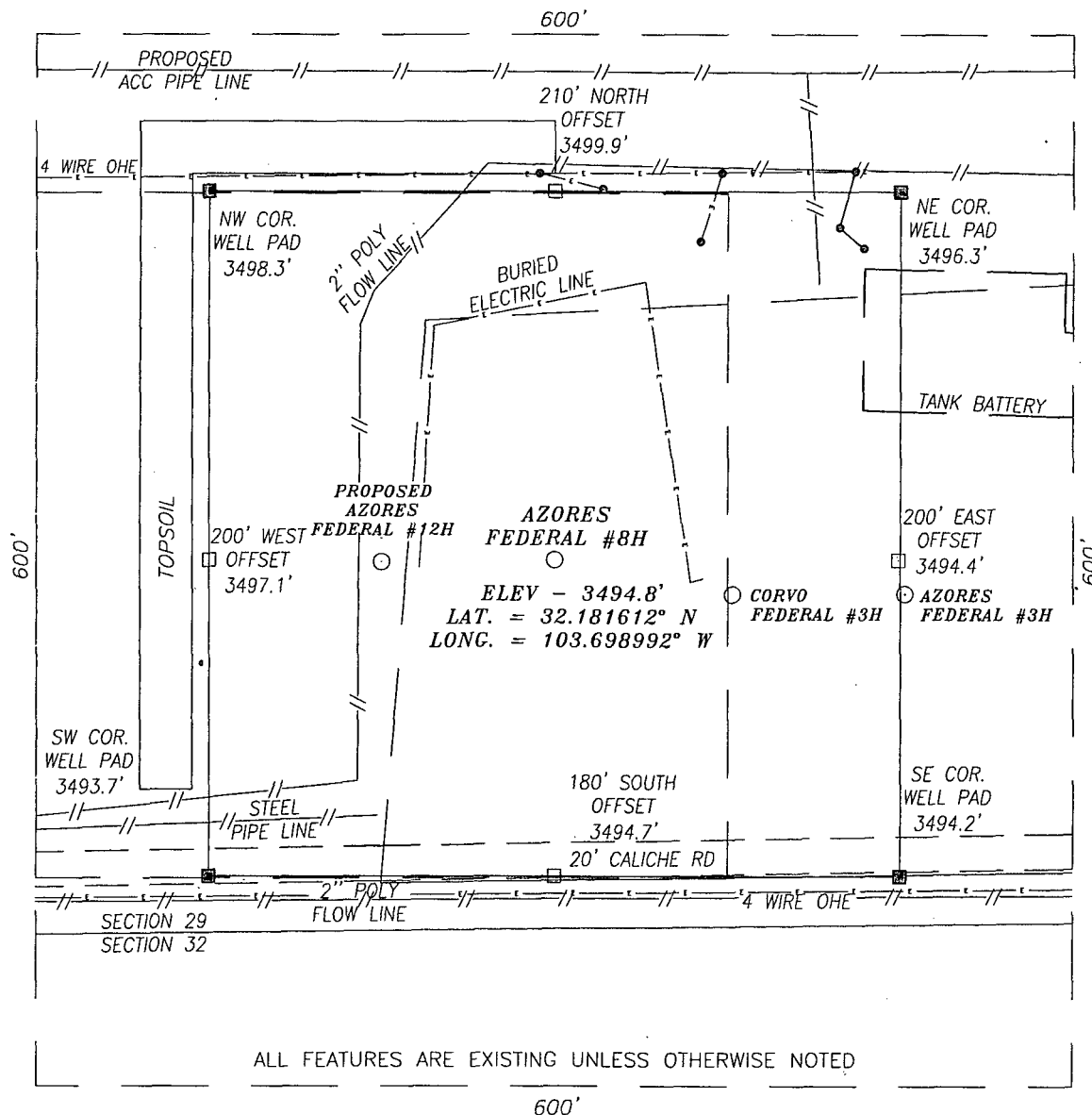
Signature & Seal of Professional Surveyor



*Chad L. Harcrow* 12/10/15  
Certificate No. CHAD HARCROW 17777  
W.O. # 15-1371 DRAWN BY: AF

MAY 10 2016

SECTION 29, TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M.,  
LEA COUNTY NEW MEXICO



ALL FEATURES ARE EXISTING UNLESS OTHERWISE NOTED

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF HWY 128 AND ORLA RD (J-1) GO SOUTH ON ORLA ROAD FOR APPROX. 2.1 MILES; THEN TURN RIGHT AND GO APPROX. 1.6 MILES TO THE EXISTING CORVO FED #3H AND AZORES FED #3H PAD; PROPOSED WELL IS APPROX. 105 FEET WESTNORTHWEST OF THE CORVO FED #3H.

HARCROW SURVEYING, LLC  
2314 W. MAIN ST, ARTESIA, N.M. 88210  
PH: (575) 746-2158 FAX: (575) 746-2158  
c.harcrow@harcrowsurveying.com



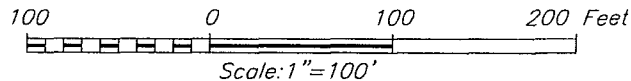
CERTIFICATION

I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



Chad Harcrow  
CHAD HARCROW N.M.P.S. NO. 17777

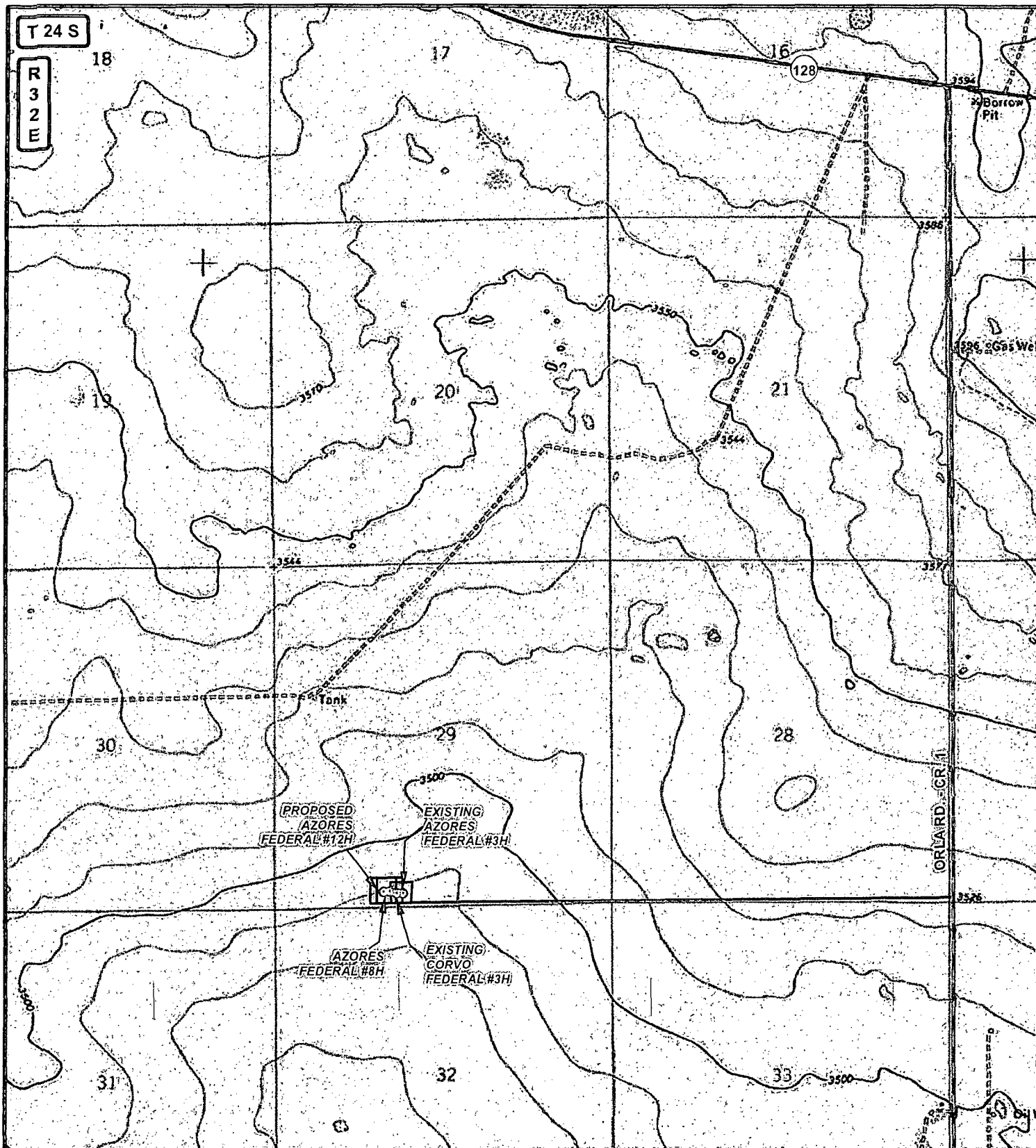
3/17/16  
DATE



COG PRODUCTION, LLC

AZORES FEDERAL #8H WELL  
LOCATED 210 FEET FROM THE SOUTH LINE  
AND 1780 FEET FROM THE WEST LINE OF SECTION 29,  
TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO

|                             |              |
|-----------------------------|--------------|
| SURVEY DATE: NOV. 30, 2015  | PAGE: 1 OF 1 |
| DRAFTING DATE: DEC. 4, 2015 |              |
| APPROVED BY: CH             | DRAWN BY: AF |
| FILE: 16-212                |              |

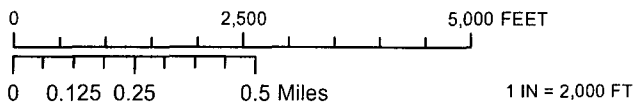


# LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

## AZORES FEDERAL #8H

|                   |                   |                      |                    |
|-------------------|-------------------|----------------------|--------------------|
| SEC: 29           | TWP: 24 S.        | RGE: 32 E.           | ELEVATION: 3494.8' |
| STATE: NEW MEXICO | COUNTY: LEA       | 210' FSL & 1780' FWL |                    |
| W.O. # 15-1371    | LEASE: AZORES FED | SURVEY: N.M.P.M      |                    |



LOCATION MAP

TOPO

12/04/2015

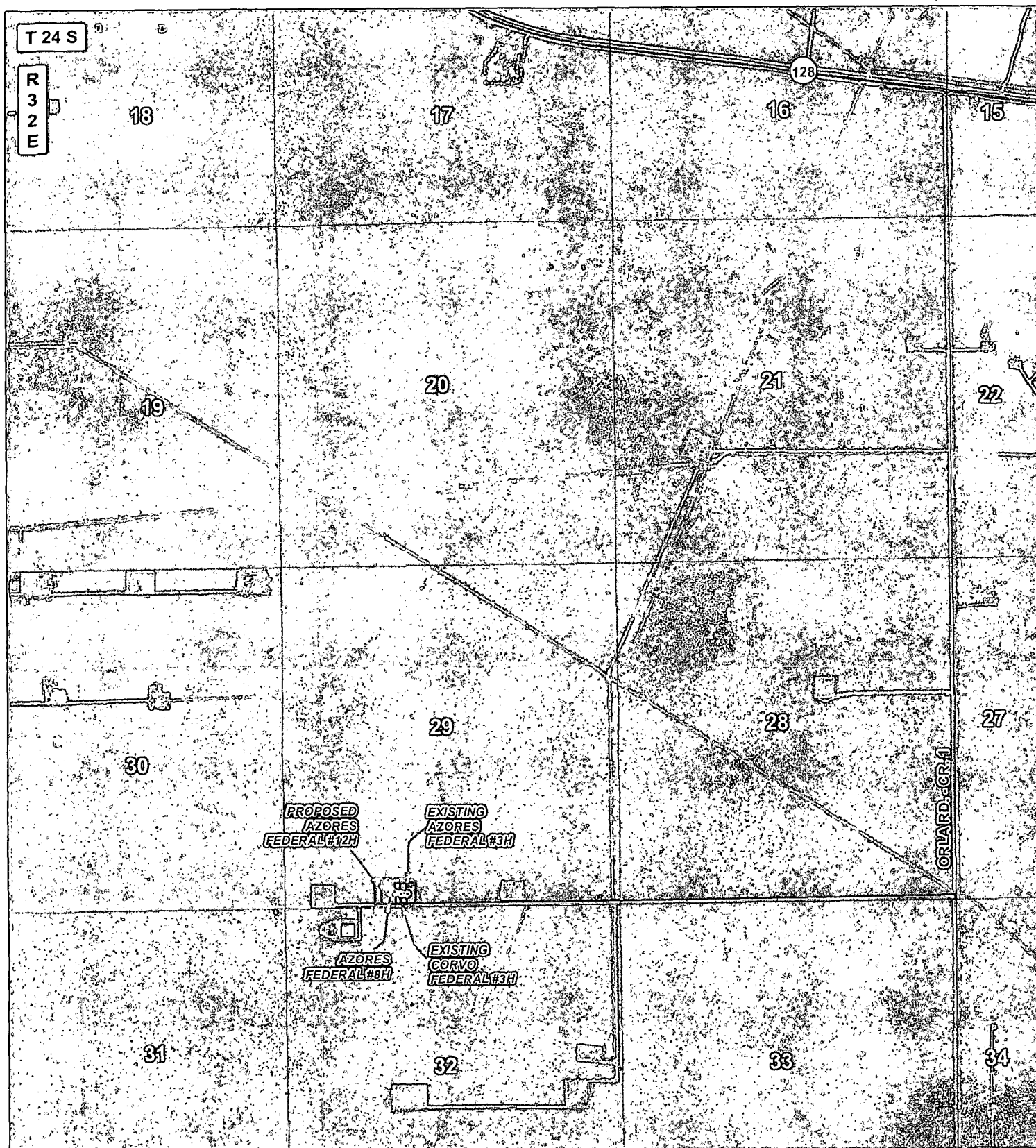
A.F.



COG PRODUCTION, LLC



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[c.harcrow@harcrowsurveying.com](mailto:c.harcrow@harcrowsurveying.com)

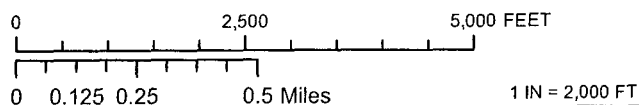


# LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

## AZORES FEDERAL #3H

|                   |                   |                      |                    |
|-------------------|-------------------|----------------------|--------------------|
| SEC: 29           | TWP: 24 S.        | RGE: 32 E.           | ELEVATION: 3494.8' |
| STATE: NEW MEXICO | COUNTY: LEA       | 210' FSL & 1780' FWL |                    |
| W.O. # 15-1371    | LEASE: AZORES FED | SURVEY: N.M.P.M      |                    |



LOCATION MAP

IMAGERY

12/04/2015

A.F.

**CONCHO**

COG PRODUCTION, LLC

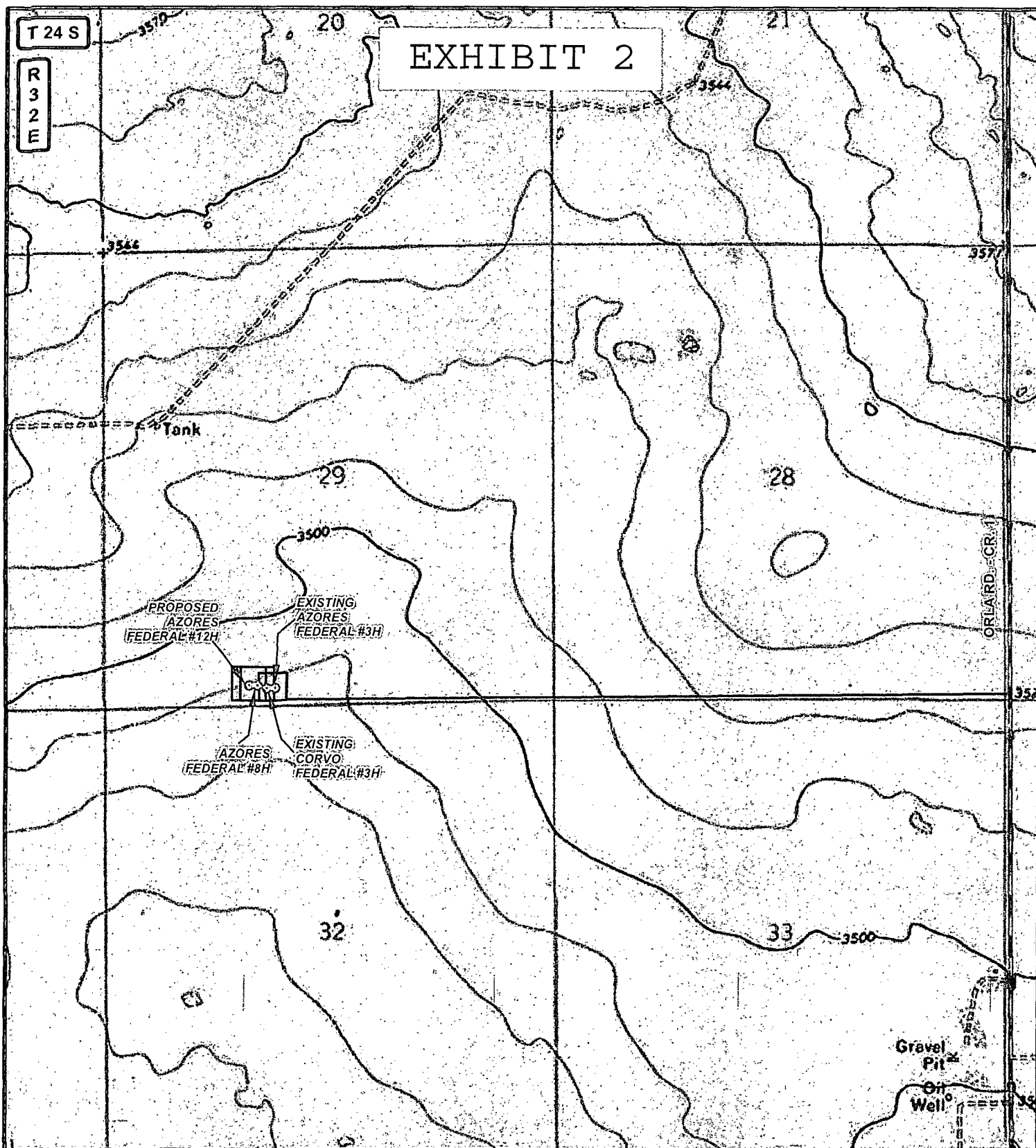


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 c.harcrow@harcrowsurveying.com

T 24 S

R 32 E

## EXHIBIT 2



## LEGEND

○ WELL

□ WELLPAD

— EXISTING ROAD

## AZORES FEDERAL #8H

SEC: 29 TWP: 24 S. RGE: 32 E. ELEVATION: 3494.8'

STATE: NEW MEXICO COUNTY: LEA 210' FSL &amp; 1780' FWL

W.O. # 15-1371 LEASE: AZORES FED SURVEY: N.M.P.M

0 2,500 FEET

0 0.1 0.2 0.4 Miles

1 IN = 1,500 FT

LOCATION MAP

TOPO ROAD

12/04/2015

A.F.

CONCHO

COG PRODUCTION, LLC



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c.harcrow@harcrowsurveying.com

T 24 S

R  
3  
2  
E

29

28

30

PROPOSED  
AZORES  
FEDERAL #12HEXISTING  
AZORES  
FEDERAL #3HAZORES  
FEDERAL #8HEXISTING  
CORVO  
FEDERAL #3H

32

33

## LEGEND

○ WELL

□ WELLPAD

— EXISTING ROAD

## AZORES FEDERAL #8H

SEC: 29 TWP: 24 S. RGE: 32 E. ELEVATION: 3494.8'

STATE: NEW MEXICO COUNTY: LEA 210' FSL &amp; 1780' FWL

W.O. # 15-1371 LEASE: AZORES FED SURVEY: N.M.P.M

0 2,500 FEET

0 0.05 0.1 0.2 Miles

1 IN = 1,000 FT

LOCATION MAP

IMAGERY ROAD

12/04/2015

A.F.

CONCHO

COG PRODUCTION, LLC

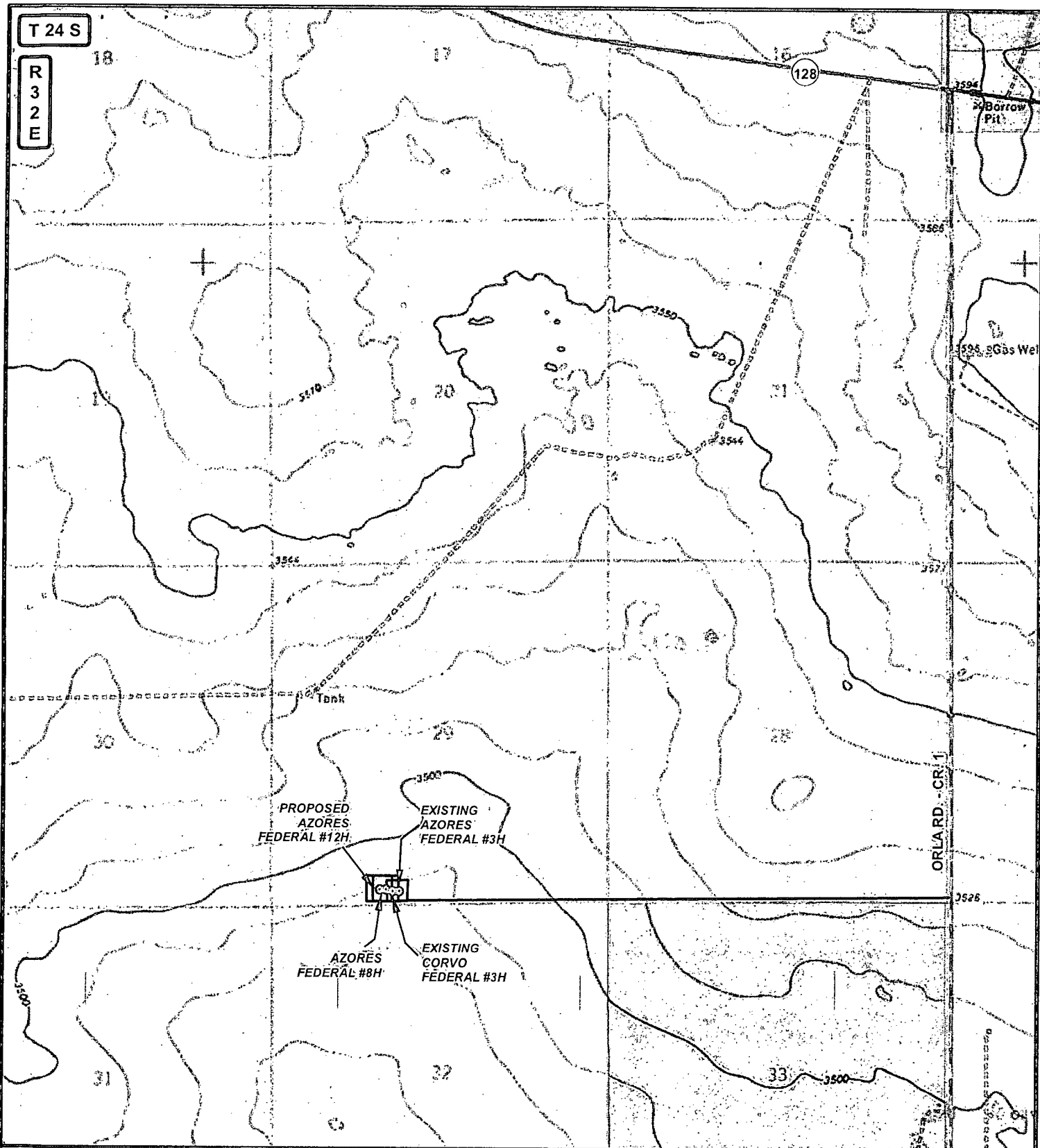


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c.harcrow@harcrowsurveying.com



**LEGEND**

- WELL
- WELLPAD
- EXISTING ROAD
- PRIVATE
- STATE OF NM
- US BLM

**AZORES FEDERAL #8H**

|                   |            |                   |                      |
|-------------------|------------|-------------------|----------------------|
| SEC: 29           | TWP: 24 S. | RGE: 32 E.        | ELEVATION: 3494.8'   |
| STATE: NEW MEXICO |            | COUNTY: LEA       | 210' FSL & 1780' FWL |
| W.O. # 15-1371    |            | LEASE: AZORES FED | SURVEY: N.M.P.M      |

0 2,500 5,000 FEET

0 0.125 0.25 0.5 Miles

1 IN = 2,000 FT

LOCATION MAP      LAND STATUS      12/04/2015      A.F.



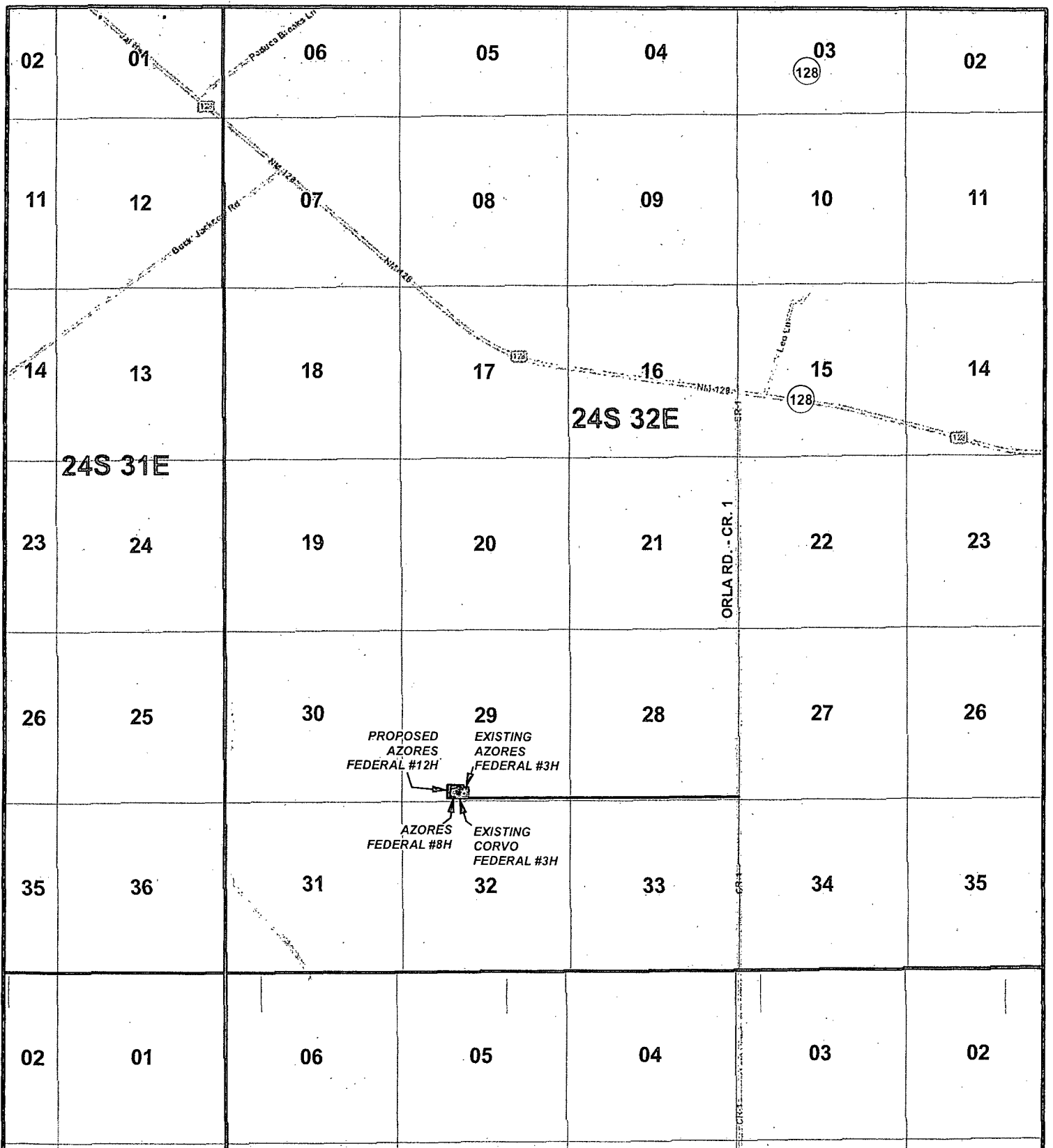
**CONCHO**

COG PRODUCTION, LLC



**HARCROW SURVEYING, LLC.**

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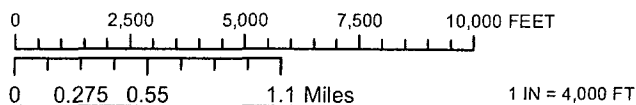


# LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

## AZORES FEDERAL #8H

SEC: 29 TWP: 24 S. RGE: 32 E. ELEVATION: 3494.8'  
 STATE: NEW MEXICO COUNTY: LEA 210' FSL & 1780' FWL  
 W.O. # 15-1371 LEASE: AZORES FED SURVEY: N.M.P.M



VICINITY MAP

12/04/2015

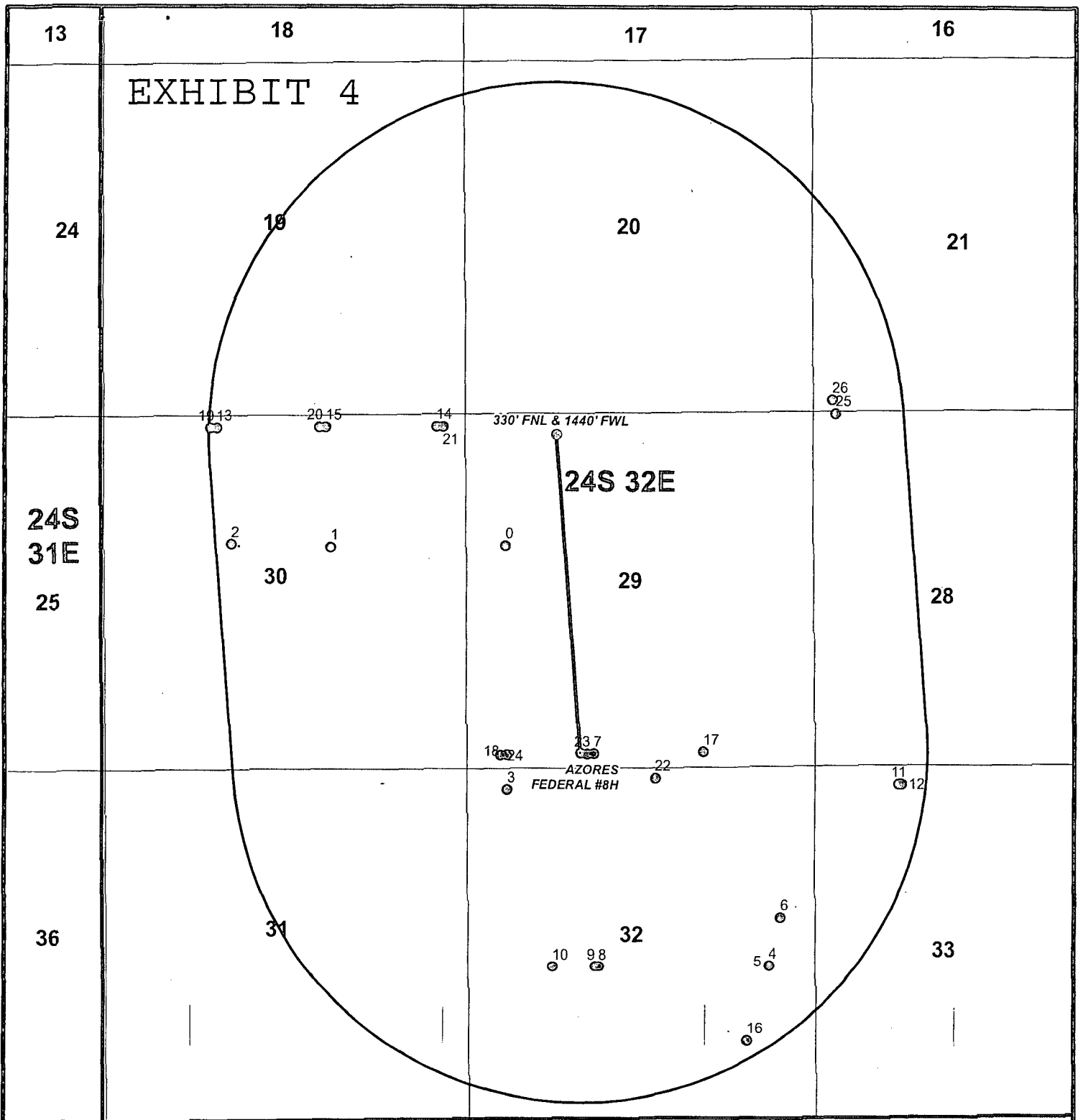
A.F



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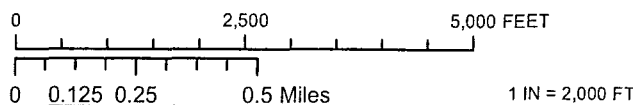
DATA FOR "WELLS WITHIN 1 MI." IS TAKEN FROM THE NEW MEXICO EMNRD WEBSITE. THE DATA HAS BEEN UPDATED THROUGH NOVEMBER 14, 2015.

### LEGEND

- WELL
- BOTTOMHOLE
- WELLS WITHIN 1 MI.
- 1 MI. BUFFER

### AZORES FEDERAL #8H

|                   |                   |                      |                    |
|-------------------|-------------------|----------------------|--------------------|
| SEC: 29           | TWP: 24 S.        | RGE: 32 E.           | ELEVATION: 3494.8' |
| STATE: NEW MEXICO | COUNTY: LEA       | 210' FSL & 1780' FWL |                    |
| W.O. # 15-1371    | LEASE: AZORES FED | SURVEY: N.M.P.M      |                    |



1 MILE MAP

12/04/2015

A.F.



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| FID Shape * | OPERATOR                            | WELL_NAME                             | AZORES FEDERAL #8H    | SECTION | TOWNSHIP | RANGE | FTG_NS | NS_CD | FTG_EW | EW_CD | TVD_DEPT | COMPL_STAT                 |
|-------------|-------------------------------------|---------------------------------------|-----------------------|---------|----------|-------|--------|-------|--------|-------|----------|----------------------------|
| 0 Point     | STANOLIND OIL & GAS CO              | PAYNE 001                             | 32.190181 -103.703114 | 3E+09   | 29 24.05 | 32E   | 1980 N |       | 660 W  |       | 4811     | Plugged                    |
| 1 Point     | FORTE ENERGY CORP                   | PADUCA FEDERAL 001                    | 32.190153 -103.711689 | 3E+09   | 30 24.05 | 32E   | 1980 N |       | 1980 E |       | 15531    | Plugged                    |
| 2 Point     | COG PRODUCTION, LLC                 | TURQUOISE 30 FEDERAL SWD 001          | 32.190274 -103.716568 | 3E+09   | 30 24.05 | 32E   | 1930 N |       | 1980 W |       | 8754     | Plugged                    |
| 3 Point     | YATES PETROLEUM CORPORATION         | CALCUTTA BRZ STATE 001H               | 32.180179 -103.703088 | 3E+09   | 32 24.05 | 32E   | 330 N  |       | 660 W  |       | 60       | Plugged                    |
| 4 Point     | DEVON ENERGY PRODUCTION COMPANY, LP | COTTON DRAW 32 STATE 001I             | 32.172904 -103.690219 | 3E+09   | 32 24.05 | 32E   | 2301 S |       | 661 E  |       | 0        | New (Not drilled or compl) |
| 5 Point     | DEVON ENERGY PRODUCTION COMPANY, LP | COTTON DRAW 32 STATE FEDERAL COM 001H | 32.172928 -103.690216 | 3E+09   | 32 24.05 | 32E   | 2310 S |       | 660 E  |       | 15522    | New (Not drilled or compl) |
| 6 Point     | YATES PETROLEUM CORPORATION         | BOMBAY BSB FEDERAL COM 001H           | 32.1749 -103.68967    | 3E+09   | 32 24.05 | 32E   | 2310 N |       | 430 E  |       | 12837    | New (Not drilled or compl) |
| 7 Point     | COG PRODUCTION, LLC                 | AZORES FEDERAL 003H                   | 32.181662 -103.698801 | 3E+09   | 29 24.05 | 32E   | 190 S  |       | 1980 W |       | 10577    | New (Not drilled or compl) |
| 8 Point     | DEVON ENERGY PRODUCTION COMPANY, LP | COTTON DRAW 32 STATE FEDERAL COM 002H | 32.172901 -103.698585 | 3E+09   | 32 24.05 | 32E   | 2310 S |       | 2030 W |       | 0        | New (Not drilled or compl) |
| 9 Point     | DEVON ENERGY PRODUCTION COMPANY, LP | COTTON DRAW 32 STATE FEDERAL COM 003H | 32.172901 -103.698748 | 3E+09   | 32 24.05 | 32E   | 2310 S |       | 1980 W |       | 8302     | New (Not drilled or compl) |
| 10 Point    | DEVON ENERGY PRODUCTION COMPANY, LP | COTTON DRAW 32 STATE FEDERAL COM 004H | 32.172894 -103.700859 | 3E+09   | 32 24.05 | 32E   | 2310 S |       | 1330 W |       | 8289     | New (Not drilled or compl) |
| 11 Point    | DEVON ENERGY PRODUCTION COMPANY, LP | COTTON DRAW 33 4 FEDERAL COM 001H     | 32.180374 -103.683837 | 3E+09   | 33 24.05 | 32E   | 330 N  |       | 1295 W |       | 8432     | New (Not drilled or compl) |
| 12 Point    | DEVON ENERGY PRODUCTION COMPANY, LP | COTTON DRAW 33 4 FEDERAL COM 002H     | 32.180375 -103.683674 | 3E+09   | 33 24.05 | 32E   | 330 N  |       | 1345 W |       | 8429     | New (Not drilled or compl) |
| 13 Point    | COG PRODUCTION, LLC                 | WINDWARD FEDERAL 002H                 | 32.195078 -103.717262 | 3E+09   | 30 24.05 | 32E   | 190 N  |       | 1750 W |       | 0        | New (Not drilled or compl) |
| 14 Point    | COG PRODUCTION, LLC                 | WINDWARD FEDERAL 004H                 | 32.195111 -103.706489 | 3E+09   | 30 24.05 | 32E   | 190 N  |       | 430 E  |       | 10516    | New (Not drilled or compl) |
| 15 Point    | COG PRODUCTION, LLC                 | WINDWARD FEDERAL 003H                 | 32.195094 -103.711914 | 3E+09   | 30 24.05 | 32E   | 190 N  |       | 2100 E |       | 10579    | New (Not drilled or compl) |
| 16 Point    | DEVON ENERGY PRODUCTION COMPANY, LP | COTTON DRAW 32 STATE SWD 002          | 32.169819 -103.691312 | 3E+09   | 32 24.05 | 32E   | 1180 S |       | 1000 E |       | 0        | New (Not drilled or compl) |
| 17 Point    | COG PRODUCTION, LLC                 | AZORES FEDERAL 002H                   | 32.181728 -103.693402 | 3E+09   | 29 24.05 | 32E   | 190 S  |       | 1650 E |       | 10611    | New (Not drilled or compl) |
| 18 Point    | COG PRODUCTION, LLC                 | AZORES FEDERAL 004H                   | 32.181609 -103.703089 | 3E+09   | 29 24.05 | 32E   | 190 S  |       | 660 W  |       | 10552    | New (Not drilled or compl) |
| 19 Point    | KING TUT FEDERAL 002H               | KING TUT FEDERAL 002H                 | 32.195077 -103.717587 | 3E+09   | 30 24.05 | 32E   | 190 N  |       | 1650 W |       | 8415     | New (Not drilled or compl) |
| 20 Point    | COG PRODUCTION, LLC                 | KING TUT FEDERAL 003H                 | 32.195093 -103.712239 | 3E+09   | 30 24.05 | 32E   | 190 N  |       | 2200 E |       | 0        | New (Not drilled or compl) |
| 21 Point    | COG PRODUCTION, LLC                 | KING TUT FEDERAL 004H                 | 32.195111 -103.706164 | 3E+09   | 30 24.05 | 32E   | 190 N  |       | 330 E  |       | 8475     | New (Not drilled or compl) |
| 22 Point    | COG PRODUCTION, LLC                 | CORVO FEDERAL 002H                    | 32.180654 -103.695766 | 3E+09   | 32 24.05 | 32E   | 190 N  |       | 2370 E |       | 8464     | New (Not drilled or compl) |
| 23 Point    | COG PRODUCTION, LLC                 | CORVO FEDERAL 003H                    | 32.181658 -103.699125 | 3E+09   | 29 24.05 | 32E   | 190 S  |       | 1880 W |       | 8446     | New (Not drilled or compl) |
| 24 Point    | COG PRODUCTION, LLC                 | CORVO FEDERAL 004H                    | 32.181605 -103.703414 | 3E+09   | 29 24.05 | 32E   | 190 S  |       | 560 W  |       | 8439     | New (Not drilled or compl) |
| 25 Point    | XTO ENERGY, INC                     | CAZADOR FEDERAL 001H                  | 32.195567 -103.686863 | 3E+09   | 28 24.05 | 32E   | 100 N  |       | 370 W  |       | 0        | New (Not drilled or compl) |
| 26 Point    | XTO ENERGY, INC                     | OUTRIDER FEDERAL 001H                 | 32.196117 -103.687028 | 3E+09   | 21 24.05 | 32E   | 100 S  |       | 320 W  |       | 0        | New (Not drilled or compl) |